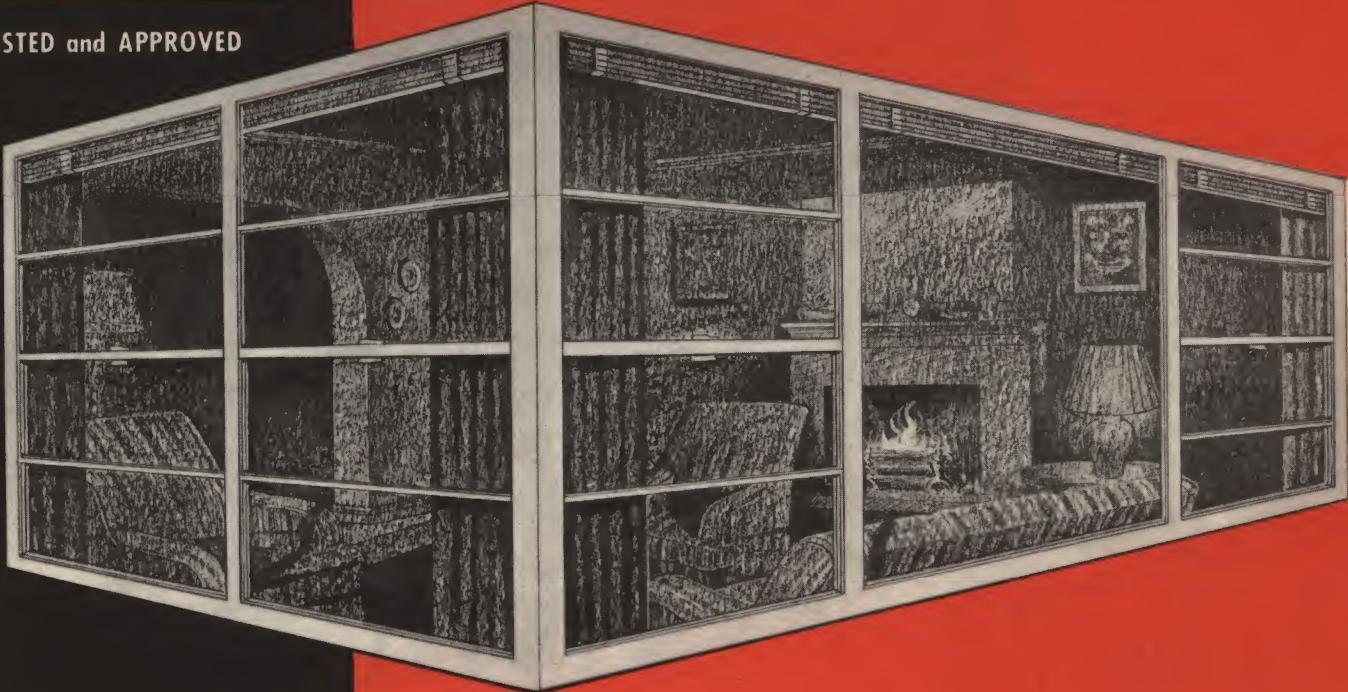




TESTED and APPROVED



MADE FROM ALCOA ALUMINUM

STRONG TUBULAR  
CONSTRUCTION

SUPERIOR DESIGN FEATURES

PRECISION MANUFACTURE

ATTRACTIVE APPEARANCE

STAINLESS STEEL  
WEATHERSTRIPPING

COMPLETELY ASSEMBLED

EASY INSTALLATION

MINIMUM MAINTENANCE

CANNOT RUST ROT WARP

REQUIRE NO PAINTING

LOW INSTALLED COST

TROUBLE-FREE SERVICE

DEALERS WHOLESALE, INC.  
1940 LAFAYETTE ST.  
NEW ORLEANS 12, LA.

ALWINTITE

DOUBLE-HUNG

aluminum  
**WINDOWS**

SCREENS & STORM SASH  
BASEMENT & PANORAMA  
WINDOWS

# For every type of residential construction!

Right — HANCOCK VILLAGE, Brookline, Mass.

Owner — John Hancock Mutual Life Insurance Co.

Designer & Contractor — Ring Engineering Co.

Below — HOTEL MARTINIQUE, Miami, Fla.  
Architect — Roy F. France, Inc.



*Specify*  
**ALWINTITE**  
*low-cost*  
**ALUMINUM WINDOWS**

Whether you are planning a single residence or a large multi-family housing project—whether it's for owner occupancy or rental income — there are many reasons why you should include ALWINTITE aluminum windows.

ALWINTITE aluminum windows are truly fine quality residential windows, designed and manufactured by experienced craftsmen. They represent more than 35 years' experience in fine window manufacture and embody many exclusive, patented features formerly found only in expensive, custom-built windows. You can recommend and specify ALWINTITE aluminum windows with complete confidence. They can be used with all styles of architecture—with any type of construction.

We hope this catalog will prove helpful as a guide in detailing and specifying ALWINTITE aluminum windows for your residential work. Complete, full-size architectural details are available upon request. Address Dept. S.

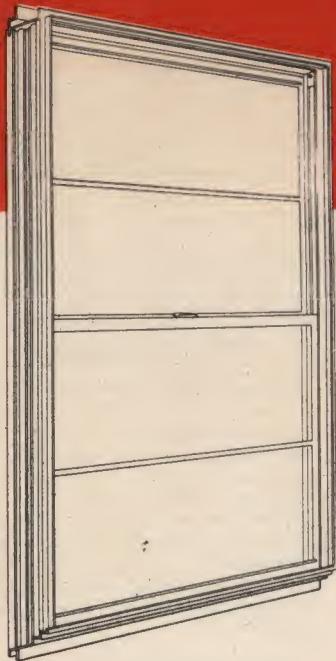
\* \* \*

In buildings where double-hung windows larger than those shown in this catalog are required, or where double-hung windows of special size, casement or projected windows are required, please refer to the PERMATITE Window Catalog by General Bronze Corporation, filed in Sweet's under Section 16a/17. Also see GB Revolving Door Catalog, Section 15d/1 and GB Architectural Metalwork Catalog, Section 6e/7.

**THE ALUMINUM WINDOW CORPORATION**  
A Subsidiary of General Bronze Corporation  
STEWART AVENUE GARDEN CITY, N. Y.

## "BUILD RIGHT WITH ALWINTITE"

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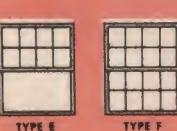
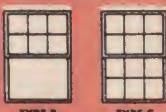
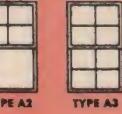
**ALWINTITE**

**DOUBLE-HUNG**

**aluminum WINDOWS**

SERIES DH-AO

**TYPES**



**SIZES**

MASONRY OPENING	2'-0"	2'-4"	2'-8"	3'-0"	3'-4"	
	2034	2434	2834	3034	3434	3'-0"
	2040	2440	2840	3040	3440	4'-0"
	2048	2448	2848	3048	3448	4'-8"
	2050	2450	2850	3050	3450	5'-0"
	2054	2454	2854	3054	3454	5'-4"

The 4-digit numbers of ALWINTITE double-hung windows indicate the width and height of the finished exterior window opening and not the actual window size. The first and second digits equal the width in feet and inches. The third and fourth digits give the height in feet and inches. For example: Size 2434 indicates a window that is to fit a finished opening 2'4" wide by 3'4" high.

**GLASS SIZES FOR DOUBLE-HUNG WINDOWS**

Note: Upper and lower sash have same glass sizes.

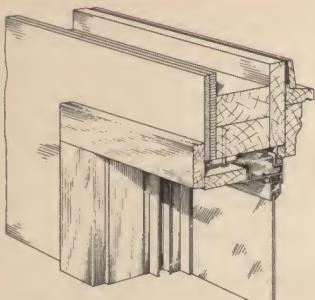
Sizes	1 Light Sash	2 Light Sash	4 Light Sash	6 Light Sash	8 Light Sash
2034	21 5/8" x 17 5/16"	21 5/8" x 8 1/2"	10 3/8" x 8 1/2"	—	—
2040	21 5/8" x 21 5/16"	21 5/8" x 10 1/2"	10 5/8" x 10 1/2"	—	—
2048	21 5/8" x 25 5/16"	21 5/8" x 12 1/2"	10 5/8" x 12 1/2"	—	—
2050	21 5/8" x 27 5/16"	21 5/8" x 13 1/2"	10 5/8" x 13 1/2"	—	—
2054	21 5/8" x 29 5/16"	21 5/8" x 14 1/2"	10 5/8" x 14 1/2"	—	—
2434	25 5/8" x 17 5/16"	25 5/8" x 8 1/2"	—	8 5/16" x 8 1/2"	—
2440	25 5/8" x 21 5/16"	25 5/8" x 10 1/2"	—	8 5/16" x 10 1/2"	—
2448	25 5/8" x 25 5/16"	25 5/8" x 12 1/2"	—	8 5/16" x 12 1/2"	—
2450	25 5/8" x 27 5/16"	25 5/8" x 13 1/2"	—	8 5/16" x 13 1/2"	—
2454	25 5/8" x 29 5/16"	25 5/8" x 14 1/2"	—	8 5/16" x 14 1/2"	—
2834	29 5/8" x 17 5/16"	29 5/8" x 8 1/2"	—	9 5/8" x 8 1/2"	—
2840	29 5/8" x 21 5/16"	29 5/8" x 10 1/2"	—	9 5/8" x 10 1/2"	—
2848	29 5/8" x 25 5/16"	29 5/8" x 12 1/2"	—	9 5/8" x 12 1/2"	—
2850	29 5/8" x 27 5/16"	29 5/8" x 13 1/2"	—	9 5/8" x 13 1/2"	—
2854	29 5/8" x 29 5/16"	29 5/8" x 14 1/2"	—	9 5/8" x 14 1/2"	—
3034	33 5/8" x 17 5/16"	33 5/8" x 8 1/2"	—	11" x 8 1/2"	—
3040	33 5/8" x 21 5/16"	33 5/8" x 10 1/2"	—	11" x 10 1/2"	—
3048	33 5/8" x 25 5/16"	33 5/8" x 12 1/2"	—	11" x 12 1/2"	—
3050	33 5/8" x 27 5/16"	33 5/8" x 13 1/2"	—	11" x 13 1/2"	—
3054	33 5/8" x 29 5/16"	33 5/8" x 14 1/2"	—	11" x 14 1/2"	—
3434	37 5/8" x 17 5/16"	37 5/8" x 8 1/2"	—	—	9 3/16" x 8 1/2"
3440	37 5/8" x 21 5/16"	37 5/8" x 10 1/2"	—	—	9 3/16" x 10 1/2"
3448	37 5/8" x 25 5/16"	37 5/8" x 12 1/2"	—	—	9 3/16" x 12 1/2"
3450	37 5/8" x 27 5/16"	37 5/8" x 13 1/2"	—	—	9 3/16" x 13 1/2"
3454	37 5/8" x 29 5/16"	37 5/8" x 14 1/2"	—	—	9 3/16" x 14 1/2"

**THE ALUMINUM WINDOW CORPORATION**

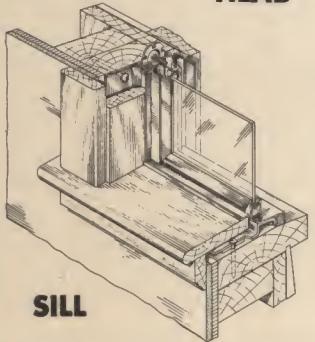
SUBSIDIARY OF GENERAL BRONZE CORPORATION, GARDEN CITY, N. Y.

# INSTALLATION DETAILS

## SHOWING ALWINTITE DOUBLE-HUNG ALUMINUM WINDOWS IN PREPARED OPENINGS



JAMB                    HEAD

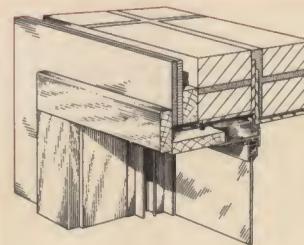


SILL

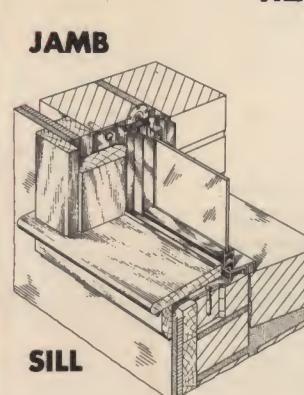
### Frame Construction

In this type construction, the studs comprise the rough opening which should be  $2\frac{1}{4}$ " more in width and  $\frac{3}{4}$ " more in height than the size of the finished exterior frame opening. The wood molding forms the exterior reveal against which the window is installed, and it extends  $\frac{3}{8}$ " over the outer edge of the window frame on each side.

After the window has been installed, you will see that a caulking space has been provided around the outside of the entire window opening. Caulking compounds, such as those manufactured by Kuhls, Pecora, Tremco, Pittsburgh or the equivalent, are recommended to caulk and seal these spaces.



HEAD



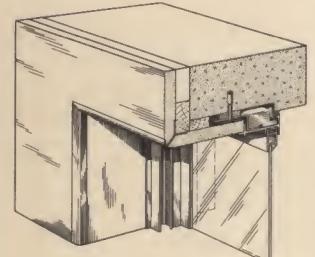
SILL

### Brick Construction

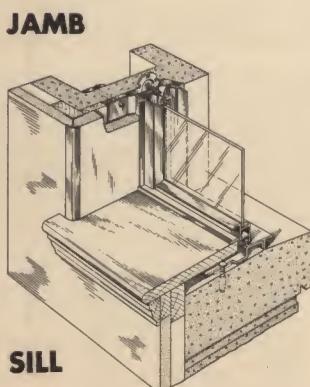
In this type construction, the back-up, or inside, brick comprises the rough opening which should be  $2\frac{1}{4}$ " more in width and  $\frac{3}{4}$ " more in height than the size of the finished exterior brick opening. The inner brick is set recessed  $1\frac{1}{8}$ " on each side. Thus the outer brick forms the exterior reveal against which the window is installed, and it extends  $\frac{3}{8}$ " over the outer edge of the window frame on each side.

Where two steel lintels are used, they should be spaced approximately  $\frac{1}{4}$ " apart to receive the header of the window.

After the window has been installed, caulk the space around the outside of the entire window opening. Caulking compounds, such as those manufactured by Kuhls, Pecora, Tremco, Pittsburgh or the equivalent, are recommended.



HEAD

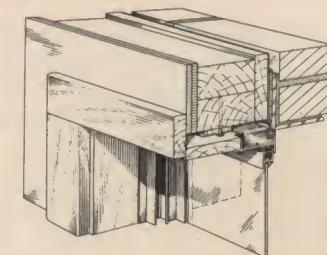


SILL

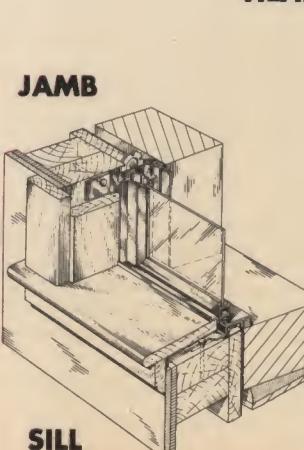
### Concrete Block Construction

In preparing the window opening with this type construction, the blocks should be laid so that the exterior masonry opening be the same dimensions as the desired finished window opening. Then the interior masonry is recessed  $1\frac{1}{2}$ " on each side to provide the rough opening.

The outer masonry forms the exterior reveal against which the window is installed, and it extends  $\frac{3}{8}$ " over the outer edge of the window frame on each side. After the window has been installed, caulk the space around the outside of the entire window opening. Caulking compounds, such as those manufactured by Kuhls, Pecora, Tremco, Pittsburgh or the equivalent, are recommended.



HEAD



SILL

### Brick Veneer Construction

In this type construction the studs comprise the rough opening which should be  $2\frac{1}{4}$ " more in width and  $\frac{3}{4}$ " more in height than the size of the finished exterior brick opening. The outer brick wall forms the exterior reveal against which the window is installed, and it extends  $\frac{3}{8}$ " over the outer edge of the window frame on each side.

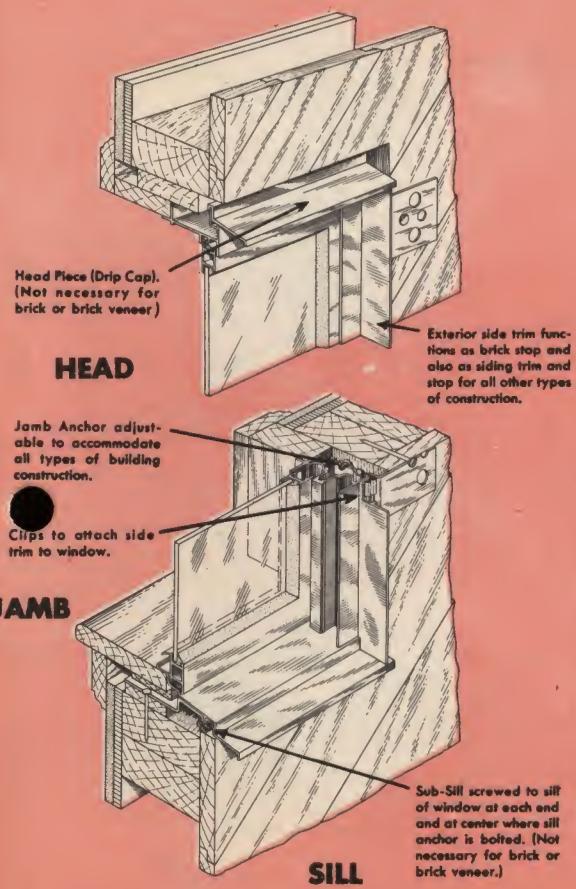
When a steel lintel is used, it should be spaced so there is  $\frac{1}{4}$ " space between the lintel and the sheathing to receive the header of the window.

After the window has been installed, caulk the space around the outside of the entire window opening. Caulking compounds, such as those manufactured by Kuhls, Pecora, Tremco, Pittsburgh or the equivalent, are recommended.

# INSTALLATION DETAILS

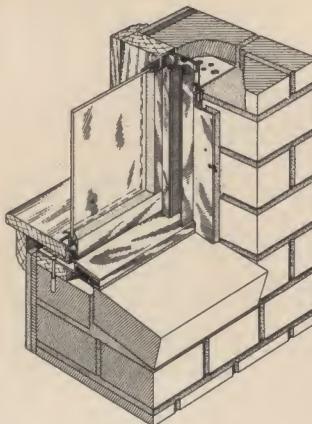
## SHOWING ALWINTITE DOUBLE-HUNG ALUMINUM WINDOWS WITH NEW AUXILIARY TRIM

ALWINTITE's new exterior trim makes it possible to erect these windows as the building progresses, using the windows as a guide in framing the openings. This new trim can be used with all types of construction — solid brick, brick veneer and frame with various types of siding, including clapboard siding, thick butt shingles, thin shingles, and stucco. (See cutaway drawings at right)



ALWINTITE Auxiliary Trim is easily attached to the window. It consists of 2 side members used for all types of construction and a head piece (drip cap) and sub-sill unit, both of which may be omitted in solid or brick veneer construction. In a multiple opening, the mullions (connecting cover plates) replace the adjacent side members.

ALWINTITE jamb anchors come with 4 holes and are adjustable for the type of building finish, for corner and bay window openings. Hole #1 is used for thin shingles, thin siding and stucco construction. Hole #2 (normal position) is used for solid brick, thick butt shingles and thick siding construction. Hole M is used for corner (90°) and bay window (135°) mullioned openings that require lally columns or steel anchors. Hole #3 is for brick veneer construction.

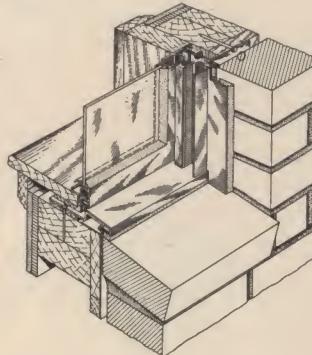


### For Solid Brick Construction

(Anchor in #2 position and rotated 1/4 turn)

For this type construction, use hole #2 of the adjustable jamb anchor. Rotate the anchor a quarter turn so that it lies flat between the brick joints of the back-up brick or tile. The anchor is so designed that it can be moved up and down on the window frame to line up with the brick joint. There are holes on this flat side of the anchor so that the mortar will form a bond and thus secure the anchor.

Only the side exterior trim sections are needed, and they function as brick stops. The trim on each side serves as a guide for the bricklayer to brick in the window. Then caulk the space between the brick and the brick stop.

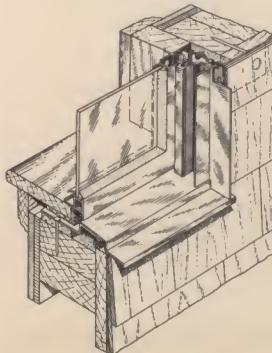


### For Brick Veneer Construction

(Anchor in #3 position)

For this type construction use hole #3, of the adjustable jamb anchor. In effect, this results in moving the window out to cover the air space between the brick and the sheathing. The window is set in place and anchored to the sheathing.

As is the case with solid brick, only the side exterior trim sections are necessary. Again, they function as brick stops. The bricklayer can then brick in the window using the trim on each side as a guide to work to. Remember to caulk the space between the brick and the brick stop.

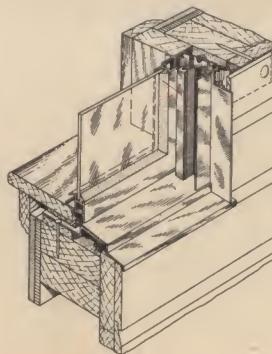


### For Thin Shingle, Thin Siding or Stucco

(Anchor in #1 position)

Where the building finish is to be of any of these types, use hole #1, of the adjustable jamb anchor. This will in effect move the window in and the side trim will provide a stop against which the building mechanic may finish off the shingles, siding or stucco. The space between the siding and the trim should be caulked.

There is nothing more to apply or paint once the siding is completed, as both drip cap and sub-sill are included with this exterior trim.



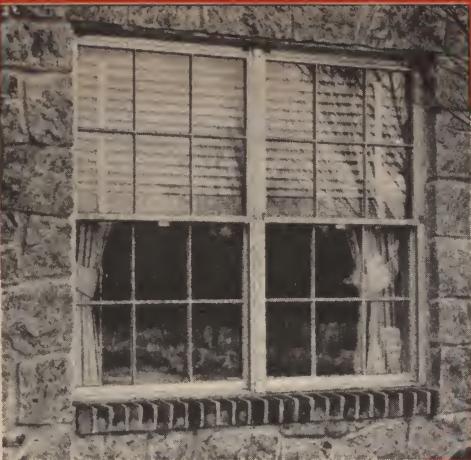
### For Thick Butt Shingle or Siding

(Anchor in #2 position)

Where the building finish is to be of thick shingles or siding, use hole #2, of the adjustable jamb anchor. Thus the side trim will provide a stop against which the carpenter may finish off the siding or shingling. The space between the siding and the jamb trim should be caulked with any one of the recommended compounds.

As this exterior trim also includes a drip cap and a sub-sill, no wood trim is needed. Once the window is installed and the siding completed, that's all there is to it — nothing extra to apply or paint.

# ALWINTITE MULLIONS



To meet your multiple window requirements, ALWINTITE offers a complete line of mullion casings (connecting plates for joining two windows). They are available in 180° mullions for setting a group of windows in a straight line, 135° mullions for bay window arrangements, and 90° mullions for corner window arrangements.



PICTURE  
WINDOW

DOUBLE-HUNG  
WINDOW

DOUBLE-HUNG  
WINDOW

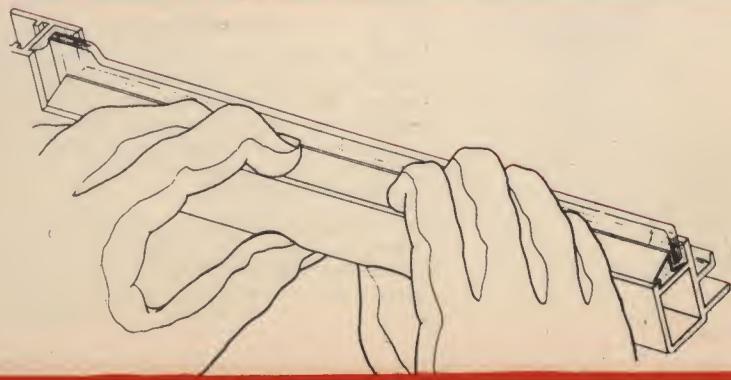
DOUBLE-HUNG  
WINDOW

INLINE OR 180° MULLIONS

90° OR CORNER MULLIONS

135° OR BAY WINDOW MULLIONS

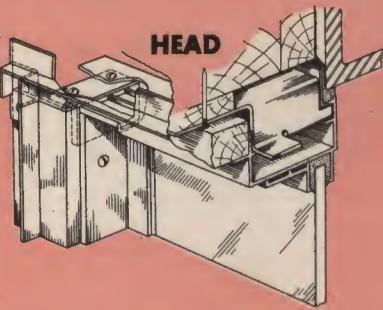
## ALWINTITE SNAP-ON GLAZING BEADS



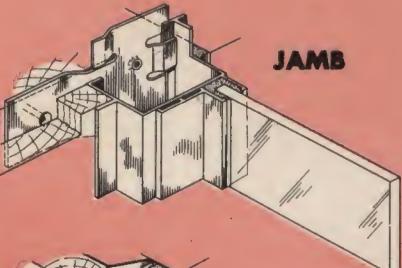
ALWINTITE Snap-on Glazing Bead is an aluminum strip designed to cover exterior glazing compound. With this glazing bead in use, there is no exposed glazing compound that can deteriorate and impair the appearance of the window. Having the same type of finish as the window, the glazing bead harmonizes with the superior Alwintite quality design and adds to the general attractiveness of the completed window. As their name implies, Alwintite Snap-on Glazing Beads readily snap into position in the glazing trough.

**"BUILD RIGHT WITH ALWINTITE"**

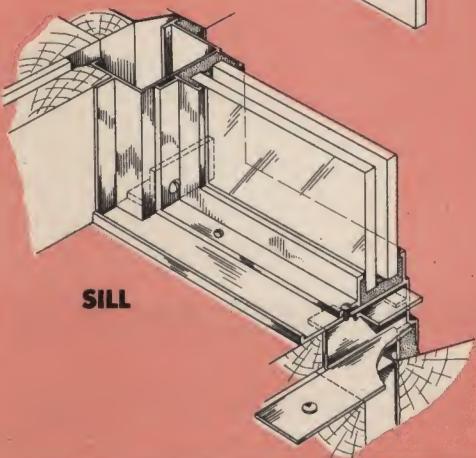
# ALWINTITE ALUMINUM PANORAMA WINDOWS—Series PWA-O



**HEAD**



**JAMB**



**SILL**

ALWINTITE aluminum panorama (picture) windows come in 15 standard sizes (see chart). They can be used independently or combined with Alwintite double-hung windows. Alwintite panorama windows accommodate either  $\frac{1}{4}$ " plate glass or  $\frac{1}{2}$ " double glass. Special glass stops, which accommodate both  $\frac{3}{8}$ " and 1" double glass of the "Thermopane" or "Twindo" type, can be furnished when specified.



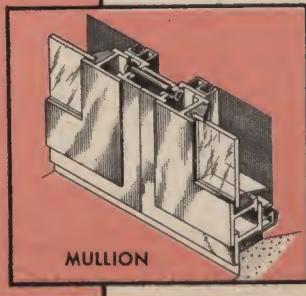
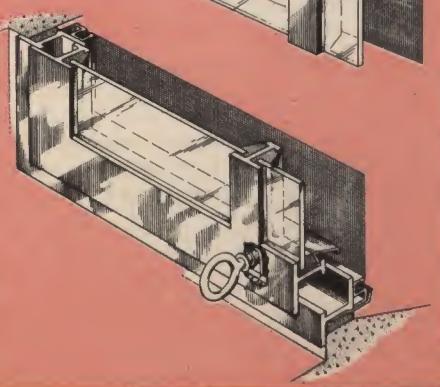
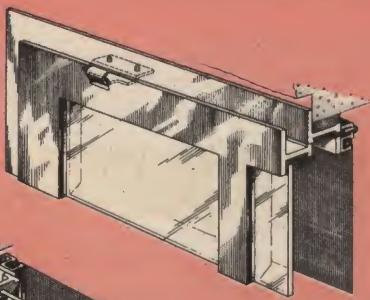
MASONRY OPENING	4'-0"	5'-0"	6'-0"	3'-6"
	4034	5034	6034	
4'-6"	4040	5040	6040	4'-6"
	4048	5048	6048	4'-6"
5'-0"	4050	5050	6050	5'-0"
	4054	5054	6054	5'-0"

## SCHEDULE OF GLASS SIZES

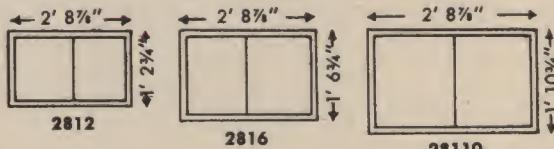
Tolerance  $+ \frac{3}{16}$ " —  $- \frac{1}{16}$ "

4034	$46 \frac{1}{8}" \times 36 \frac{1}{2}"$
4040	$46 \frac{1}{8}" \times 44 \frac{1}{2}"$
4048	$46 \frac{1}{8}" \times 52 \frac{1}{2}"$
4050	$46 \frac{1}{8}" \times 56 \frac{1}{2}"$
4054	$46 \frac{1}{8}" \times 60 \frac{1}{2}"$
5034	$58 \frac{1}{8}" \times 36 \frac{1}{2}"$
5040	$58 \frac{1}{8}" \times 44 \frac{1}{2}"$
5048	$58 \frac{1}{8}" \times 52 \frac{1}{2}"$
5050	$58 \frac{1}{8}" \times 56 \frac{1}{2}"$
5054	$58 \frac{1}{8}" \times 60 \frac{1}{2}"$
6034	$70 \frac{1}{8}" \times 36 \frac{1}{2}"$
6040	$70 \frac{1}{8}" \times 44 \frac{1}{2}"$
6048	$70 \frac{1}{8}" \times 52 \frac{1}{2}"$
6050	$70 \frac{1}{8}" \times 56 \frac{1}{2}"$
6054	$70 \frac{1}{8}" \times 60 \frac{1}{2}"$

# ALWINTITE ALUMINUM BASEMENT WINDOWS—Series CCA-O



ALWINTITE aluminum basement windows are sturdily constructed units. They are available in 3 standard stock sizes. They are hinged at the top and open inward. Strong hinges and a sturdy lock are integral parts of these windows. Two or more basement sash may be installed in a multiple opening by using Alwintite basement window mullions. Screens to fit all 3 sizes of Alwintite basement windows are also available.

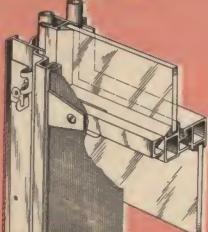


GLASS SIZES — TOLERANCE  $+ \frac{1}{16}$ " —  $0$   
 2812 .....  $1\frac{1}{4}'' \times 1\frac{7}{8}''$   
 2816 .....  $1\frac{1}{4}'' \times 1\frac{3}{8}''$   
 28110 .....  $1\frac{1}{4}'' \times 1\frac{7}{8}''$

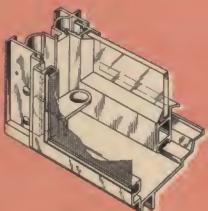
# ALWINTITE SCREENS AND STORM SASH



FULL-LENGTH SCREEN



FULL-LENGTH SCREEN



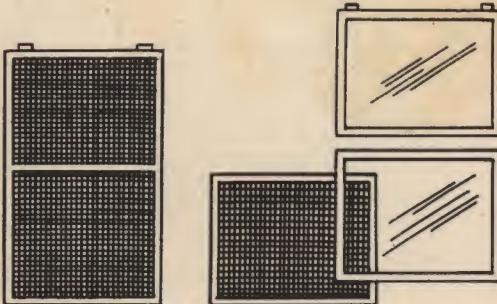
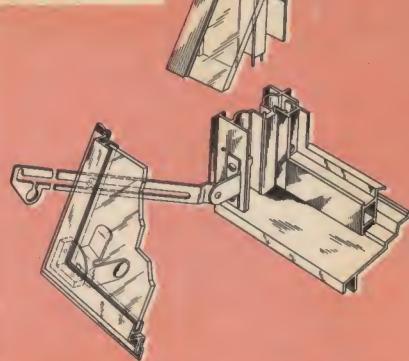
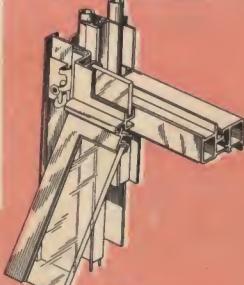
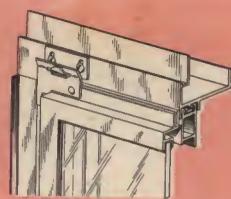
FULL-LENGTH SCREEN



ALWINTITE offers full-length, 2-piece and half-length screens, as well as storm sash in 2 sections (upper and lower units) to fit all sizes Alwintite double-hung windows.

The half-screen is interchangeable with the lower section of the storm sash so that the home-owner may use these as a combination unit. This arrangement permits complete air circulation under all weather conditions.

ALWINTITE double-hung windows are supplied with all necessary tappings for attaching screen and storm sash hardware and fittings already in the window frame.



## ALWINTITE ALUMINUM WINDOWS ARE TESTED and APPROVED



A.W.M.A. Quality Specifications—Materials, Construction, Strength of sections and Air infiltration requirements—confirmed by PITTSBURGH TESTING LABORATORY.  
MEMBER—ALUMINUM WINDOW MANUFACTURERS ASSOCIATION

ALWINTITE double-hung aluminum windows have been tested and approved by the Pittsburgh Testing Laboratory. They conform in Materials, Construction, Strength of sections, and Air infiltration requirements, to the specifications of the Aluminum Window Manufacturers Assn., and carry their "Quality-Approved" Seal. ALWINTITE windows also meet FHA requirements.

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### THE HOME OF ALWINTITE

*the world's largest aluminum window plant*

This new plant, located in Garden City, N. Y., covers more than 5½ acres of land, provides 230,000 square feet of manufacturing space, and has a capacity of more than 4,000 aluminum windows per day.

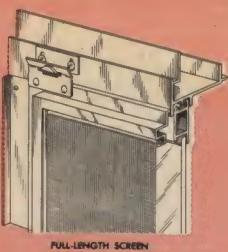
THE ALUMINUM WINDOW CORPORATION

*A subsidiary of General Bronze Corporation*

STEWART AVENUE

GARDEN CITY, L. I., N. Y.

# ALWINTITE SCREENS AND STORM SASH

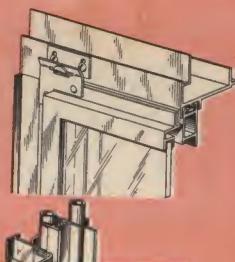


FULL-LENGTH SCREEN



ALWINTITE offers full-length, 2-piece and half-length screens, as well as storm sash in 2 sections (upper and lower units) to fit all sizes Alwintite double-hung windows.

The half-screen is interchangeable with the lower section of the storm sash so that the home-owner may use these as a combination unit. This arrangement permits complete air circulation under all weather



FULL-LENGTH

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